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| Set | Items | Description |
|---|---|---|
| S1 | 53617 | EMAIL? ? OR (E OR ELECTRONIC)()MAIL? ? |
| S2 | 25081 | S1(7N)(SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR GENERAT??? OR CREAT??? OR CONSTRUCT? OR FORM OR FORMS OR FORMED OR FORMING OR FORMATION? ? OR WRIT???) |

| S3 | 3131 | S2(7N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR DETERMIN? OR IDENTIFY??? OR IDENTIFIES OR IDENTIFIED OR IDENTIFICATION OR DISCOVER??? OR NOTIC??? OR SENSE? ? OR SENSING) |

| S4 | 2940 | S2(7N)(ALERT??? OR NOTIF???? OR NOTIFICATION OR WARN??? OR INDICAT??? OR INFORM? ? OR INFORMED OR INFORMING OR SIGNAL????) |

| S5 | 124897 | VIRUS?? OR MACROVIRUS?? OR TROJAN()HORSE?? OR WORM?? OR (MALICIOUS OR HOSTILE OR SUSPECT)(1N)(LOGIC OR CODE OR SOFTWARE OR PROGRAM?? OR ALGORITHM? ? OR COMMAND? ? OR SIGNAL? ? OR INSTRUCTION? ?) |

| S6 | 8463118 | PROCESS OR PROCESSES OR OPERATION? ? OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR SOFTWARE |

| S7 | 54006 | S6(5N)(SUSPECT? OR SUSPICIOUS OR QUESTIONABLE OR IRREGULAR OR ILLEGAL? OR PROHIBIT??? OR FORBIDDEN OR CRIMINAL OR ODD OR ABNORMAL? OR STRANGE OR UNUSUAL OR PECULIAR OR UNTRUST? OR UNACCEPTABLE OR IMPROPER OR DESTRUCTIVE) |

| S8 | 26601 | S6(5N)(HARMFUL OR DAMAGING OR UNWANTED OR UNWELCOME OR UNDESIR? OR MALICIOUS OR HOSTILE OR DANGER??? OR ANOMALOUS? OR UNKNOWN) |

| S9 | 1945 | S6(5N)(("NOT" OR T)(2W)(TRUST??? OR TRUSTWORTHY OR ACCEPTABLE OR NORMAL OR PROPER)) |

| S10 | 126 | S3:S4 AND S5 |
| S11 | 79 | S3:S4 AND S7:S9 |
| S12 | 189 | S10:S11 |
| S13 | 14 | S12 AND PY=1963:2000 |
| S14 | 27 | S12 AND AY=1963:2000 AND AC=US |
| S15 | 35 | S13:S14 |
| S16 | 35 | IDPAT (sorted in duplicate/non-duplicate order) |
| S17 | 26915 | S1(10N)(SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR GENERAT??? OR CREAT??? OR CONSTRUCT? OR FORM OR FORMS OR FORMED OR FORMING OR FORMATION? ? OR WRIT???) |

| S18 | 4129 | S17(10N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR DETERMIN? OR IDENTIFY??? OR IDENTIFIES OR IDENTIFIED OR IDENTIFICATION OR DISCOVER??? OR NOTIC??? OR SENSE? ? OR SENSING) |

| S19 | 3721 | S17(10N)(ALERT??? OR NOTIF???? OR NOTIFICATION OR WARN??? OR INDICAT??? OR INFORM? ? OR INFORMED OR INFORMING OR SIGNAL????) |

| S20 | 5516 | HACK??? OR ZOMBIE? ? OR BOT OR BOTS |
| S21 | 257 | S18:S19 AND (S20 OR S5 OR S7:S9) |
| S22 | 68 | S21 NOT S12 |
| S23 | 2 | S22 AND PY=1963:1999 |
| S24 | 3 | S22 AND AY=1963:1999 AND AC=US |
| S25 | 3 | S23:S24 |
| S26 | 747 | S18:S19 AND (SECUR??? OR PROTECT??? OR SAFEGUARD??? OR SAFETY) |
| S27 | 669 | S26 NOT S21 |
| S28 | 30 | S27 AND PY=1963:1999 |

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S29        65   S27 AND AY=1963:1999 AND AC=US
S30        78   S28:S29
S31        78   IDPAT (sorted in duplicate/non-duplicate order)
S32       240   S1(10N)OUTGOING???
S33        21   S32 AND (S5 OR S7:S9 OR HACK??? OR ZOMBIE? ? OR BOT OR BOTS)
S34        20   S33 NOT S26
S35         0   S34 AND PY=1963:1999
S36         1   S34 AND AY=1963:1999 AND AC=US
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File   8:Ei Compendex(R) 1884-2009/Aug W5
       (c) 2009 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2009/Aug
       (c) 2009 ProQuest Info&Learning
File  65:Inside Conferences 1993-2009/Sep 09
       (c) 2009 BLDSC all rts. reserv.
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       (c) 2009 The IET
File   6:NTIS 1964-2009/Sep W3
       (c) 2009 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2009/Sep W1
       (c) 2009 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
       (c) 2006 The Thomson Corp
File  34:SciSearch(R) Cited Ref Sci 1990-2009/Aug W5
       (c) 2009 The Thomson Corp
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Aug
       (c) 2009 The HW Wilson Co.
File 266:FEDRIP 2009/Jul
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File  95:TEME-Technology & Management 1989-2009/Aug W3
       (c) 2009 FIZ TECHNIK
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       (c) 2009 CSA.
File  60:ANTE: Abstracts in New Tech & Engineer 1966-2009/Aug
       (c) 2009 CSA.
File 256:TecTrends 1982-2009/Sep W1
       (c) 2009 Info.Sources Inc. All rights res.
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<div align="center">Search History</div>

| Set | Term Searched | Items |
|---|---|---|
| S1 | EMAIL? ? OR (E OR ELECTRONIC)()MAIL? ? | 66158 |
| S2 | S1(10N)(SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR GENERAT??? OR CREAT??? OR CONSTRUCT? OR FORM OR FORMS OR FORMED OR FORMING OR FORMATION? ? OR WRIT??? OR OUTGOING???) | 9758 |
| S3 | S2(10N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR DETERMIN? OR IDENTIFY??? OR IDENTIFIES OR IDENTIFIED OR IDENTIFICATION OR DISCOVER??? OR NOTIC??? OR SENSE? ? OR SENSING) | 504 |
| S4 | S2(10N)(ALERT??? OR NOTIF???? OR NOTIFICATION OR WARN??? OR INDICAT??? OR INFORM? ? OR INFORMED OR INFORMING OR SIGNAL????) | 456 |
| S5 | VIRUS?? OR MACROVIRUS?? OR TROJAN()HORSE?? OR WORM?? OR (MALICIOUS OR HOSTILE OR SUSPECT)(1W)(LOGIC OR CODE OR SOFTWARE OR PROGRAM?? OR ALGORITHM? ? OR COMMAND? ? OR SIGNAL? ? OR INSTRUCTION? ?) OR HACK??? OR ZOMBIE? ? OR BOT OR BOTS | 1061215 |
| S6 | PROCESS OR PROCESSES OR OPERATION? ? OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR SOFTWARE | 19378969 |
| S7 | S6(5N)(SUSPECT? OR SUSPICIOUS OR QUESTIONABLE OR IRREGULAR OR ILLEGAL? OR PROHIBIT??? OR FORBIDDEN OR CRIMINAL OR ODD OR ABNORMAL? OR STRANGE OR UNUSUAL OR PECULIAR OR UNTRUST? OR UNACCEPTABLE OR IMPROPER OR DESTRUCTIVE) | 56754 |
| S8 | S6(5N)(HARMFUL OR DAMAGING OR UNWANTED OR UNWELCOME OR UNDESIR? OR MALICIOUS OR HOSTILE OR DANGER??? OR ANOMALOUS? OR UNKNOWN) | 49070 |
| S9 | S6(5N)(("NOT" OR T)(2W)(TRUST??? OR TRUSTWORTHY OR ACCEPTABLE OR NORMAL OR PROPER)) | 1741 |
| S10 | SECUR??? OR PROTECT??? OR SAFEGUARD??? OR SAFETY | 3269286 |

| S12 | RD (unique items) | 40 |
| S13 | S12 NOT PY=2001:2009 | 5 |
| S14 | S12 NOT S13 | 35 |

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            File 275:Gale Group Computer DB(TM) 1983-2009/Aug 10
                     (c) 2009 Gale/Cengage
            File 621:Gale Group New Prod.Annou.(R) 1985-2009/Jul 31
                     (c) 2009 Gale/Cengage
            File 636:Gale Group Newsletter DB(TM) 1987-2009/Aug 14
                     (c) 2009 Gale/Cengage
            File  16:Gale Group PROMT(R) 1990-2009/Aug 14
                     (c) 2009 Gale/Cengage
            File 160:Gale Group PROMT(R) 1972-1989
                     (c) 1999 The Gale Group
            File 148:Gale Group Trade & Industry DB 1976-2009/Aug 21
                     (c) 2009 Gale/Cengage
            File 624:McGraw-Hill Publications 1985-2009/Sep 09
                     (c) 2009 McGraw-Hill Co. Inc
            File  15:ABI/Inform(R) 1971-2009/Sep 08
                     (c) 2009 ProQuest Info&Learning
            File 647:UBM Computer Fulltext 1988-2009/Sep W1
                     (c) 2009 UBM, LLC
            File 674:Computer News Fulltext 1989-2006/Sep W1
                     (c) 2006 IDG Communications
            File 696:DIALOG Telecom. Newsletters 1995-2009/Sep 08
                     (c) 2009 Dialog
            File 369:New Scientist 1994-2009/Aug W5
                     (c) 2009 Reed Business Information Ltd.
            File 810:Business Wire 1986-1999/Feb 28
                     (c) 1999 Business Wire
            File 813:PR Newswire 1987-1999/Apr 30
                     (c) 1999 PR Newswire Association Inc
            File 613:PR Newswire 1999-2009/Sep 09
                     (c) 2009 PR Newswire Association Inc
            File 610:Business Wire 1999-2009/Sep 09
                     (c) 2009 Business Wire.
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### Search History

| Set | Term Searched | Items |
|-----|---------------|-------|
| S1 | EMAIL? ? OR (E OR ELECTRONIC)()MAIL? ? | 5620241 |
| S2 | S1(10N)(SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR GENERAT??? OR CREAT??? OR CONSTRUCT? OR FORM OR FORMS OR FORMED OR FORMING OR FORMATION? ? OR WRIT??? OR OUTGOING???) | 720000 |
| S3 | S2(10N)(DETECT???? OR RECOGNIZ? OR RECOGNIS? OR DETERMIN? OR IDENTIFY??? OR IDENTIFIES OR IDENTIFIED OR IDENTIFICATION OR DISCOVER??? OR NOTIC??? OR SENSE? ? OR SENSING) | 16857 |
| S4 | S2(10N)(ALERT??? OR NOTIF???? OR NOTIFICATION OR WARN??? OR INDICAT??? OR INFORM? ? OR INFORMED OR INFORMING OR SIGNAL????) | 33586 |
| S5 | VIRUS?? OR MACROVIRUS?? OR TROJAN()HORSE?? OR WORM?? OR (MALICIOUS OR HOSTILE OR SUSPECT)(1W)(LOGIC OR CODE OR SOFTWARE OR PROGRAM?? OR ALGORITHM? ? OR COMMAND? ? OR SIGNAL? ? OR INSTRUCTION? ?) OR HACK??? OR ZOMBIE? ? OR BOT OR BOTS | 774522 |
| S6 | PROCESS OR PROCESSES OR OPERATION? ? OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR SOFTWARE | 31417175 |
| S7 | S6(5N)(SUSPECT? OR SUSPICIOUS OR QUESTIONABLE OR IRREGULAR OR ILLEGAL? OR PROHIBIT??? OR FORBIDDEN OR CRIMINAL OR ODD OR ABNORMAL? OR STRANGE OR UNUSUAL OR PECULIAR OR UNTRUST? OR UNACCEPTABLE OR IMPROPER OR DESTRUCTIVE) | 176444 |
| S8 | S6(5N)(HARMFUL OR DAMAGING OR UNWANTED OR UNWELCOME OR UNDESIR? OR MALICIOUS OR HOSTILE OR DANGER??? OR ANOMALOUS? OR UNKNOWN) | 105710 |
| S9 | S6(5N)(("NOT" OR T)(2W)(TRUST??? OR TRUSTWORTHY OR ACCEPTABLE OR NORMAL OR | 6755 |

| | PROPER)) | |
|---|---|---|
| S10 | S3:S4(100N)(S5 OR S7:S9) | 4267 |
| S11 | S10 NOT PY=2000:2009 | 820 |
| S12 | (S1 OR MAIL OR MESSAGE? ?)(3N)OUTGOING??? | 13229 |
| S13 | S11 AND S12 | 69 |
| S14 | RD (unique items) | 35 |
| S15 | S4(100N)(S5 OR S7:S9) | 2314 |
| S16 | S4(50N)(S5 OR S7:S9) | 1920 |
| S17 | (S1 OR MESSAGE? ?)(20N)(RECIPIENT? ? OR ADDRESSEE? ? OR RECEIVER? ?) | 70675 |
| S18 | S11 AND S17 | 233 |
| S19 | S3:S4(50N)(S5 OR S7:S9)(50N)S17 | 913 |
| S20 | S19 NOT PY=2000:2009 | 195 |
| S21 | S4(50N)(S5 OR S7:S9)(50N)S17 | 618 |
| S22 | S21 NOT PY=2000:2009 | 156 |
| S23 | RD (unique items) | 74 |
| S24 | S23 NOT S14 | 66 |

## Search History

| Set | Term Searched | Items |
|-----|---------------|-------|
| S1 | EMAIL? ? OR (E OR ELECTRONIC)()MAIL? ? | 66811 |
| S2 | S1(10N)(SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR GENERAT??? OR CREAT??? OR CONSTRUCT? OR FORM OR FORMS OR FORMED OR FORMING OR FORMATION? ? OR WRIT??? OR OUTGOING???) | 31533 |
| S3 | S2(10N)(DETECT??? OR RECOGNIZ? OR RECOGNIS? OR DETERMIN? OR IDENTIFY??? OR IDENTIFIES OR IDENTIFIED OR IDENTIFICATION OR DISCOVER??? OR NOTIC??? OR SENSE? ? OR SENSING) | 4502 |
| S4 | S2(10N)(ALERT??? OR NOTIF???? OR NOTIFICATION OR WARN??? OR INDICAT??? OR INFORM? ? OR INFORMED OR INFORMING OR SIGNAL????) | 7727 |
| S5 | VIRUS?? OR MACROVIRUS?? OR TROJAN()HORSE?? OR WORM?? OR (MALICIOUS OR HOSTILE OR SUSPECT)(1W)(LOGIC OR CODE OR SOFTWARE OR PROGRAM?? OR ALGORITHM? ? OR COMMAND? ? OR SIGNAL? ? OR INSTRUCTION? ?) OR HACK??? OR ZOMBIE? ? OR BOT OR BOTS | 180067 |
| S6 | PROCESS OR PROCESSES OR OPERATION? ? OR PROGRAM? ? OR APPLICATION? ? OR FILE? ? OR CODE? ? OR OBJECT? ? OR SOFTWARE | 4029483 |
| S7 | S6(5N)(SUSPECT? OR SUSPICIOUS OR QUESTIONABLE OR IRREGULAR OR ILLEGAL? OR PROHIBIT??? OR FORBIDDEN OR CRIMINAL OR ODD OR ABNORMAL? OR STRANGE OR UNUSUAL OR PECULIAR OR UNTRUST? OR UNACCEPTABLE OR IMPROPER OR DESTRUCTIVE) | 46599 |
| S8 | S6(5N)(HARMFUL OR DAMAGING OR UNWANTED OR UNWELCOME OR UNDESIR? OR MALICIOUS OR HOSTILE OR DANGER??? OR ANOMALOUS? OR UNKNOWN) | 61231 |
| S9 | S6(5N)(("NOT" OR T)(2W)(TRUST??? OR TRUSTWORTHY OR ACCEPTABLE OR NORMAL OR PROPER)) | 7425 |
| S10 | S3:S4(100N)(S5 OR S7:S9) | 311 |
| S11 | S10 AND PY=1978:1999 | 11 |
| S12 | S10 AND (AC=US OR AC=US/PR) AND AY=1978:1999 | 28 |
| S13 | S11:S12 | 29 |
| S14 | IDPAT (sorted in duplicate/non-duplicate order) | 29 |